

P.O. Box 747  
Falls Church, Virginia 22040-0747  
Phone: (703) 205-8000  
Fax: (703) 205-8050  
(703) 698-8590 (GIV)

**Birch, Stewart, Kolasch & Birch, LLP**

# Fax

To:	Ms. Terry Johnson-Vessels	From:	Robert J. Webster
Fax:	(703) 746-6630	Date:	July 27, 2005
Phone:	(703) 308-9140, ext. 221	Pages:	3 (including cover sheet)
Your Ref.:	Serial No. 10/530,290	Our Ref.:	4845-0101PUS1
Re:	Revised PTO-1390	CC:	

☐ Urgent    ☐ For Review    ☐ Please Comment    ☐ Please Reply    ☐ Please Recycle

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential, and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution, or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited. If your receipt of this transmission is in error, please notify this firm immediately by collect call to (703) 205-8000, and send the original transmission to us by return mail at the address above.

Comments:

PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0851-0021  
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>4845-0101PUS2</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US03/28378</b>	INTERNATIONAL FILING DATE <b>11 September 2003</b>	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>NEW</b>
TITLE OF INVENTION <b>FERMENTATION BYPRODUCT FEED FORMULATION AND PROCESSING</b>		
APPLICANT(S) FOR DO/EO/US <b>Thomas L. HASCHEN and Robert J. PATTERSON</b>		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. *JW 7/27/2005*
- ☐ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☐ is attached hereto (required only if not communicated by the International Bureau).
  - ☐ has been communicated by the International Bureau.
  - ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - ☐ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☒ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: **PCT/IPEA/409 & PCT/IPEA/416**

PTO-1390 (Rev. 02-2005)  
Approved for use through 03/31/2007. OMB 0651-0021  
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
NEW		PCT/US03/28376		4845-0101PUS2	
The following fees have been submitted					
21.	<input checked="" type="checkbox"/> Basic national fee			CALCULATIONS	PTO USE ONLY
				\$ 300.00	
22.	<input checked="" type="checkbox"/> Examination fee				
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100					
All other situations \$200				\$ 200.00	
23.	<input checked="" type="checkbox"/> Search fee				
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100					
International Search Report prepared and provided to the Office \$400					
All other situations \$500				\$ 500.00	
TOTAL OF 21, 22 and 23 =				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	47 - 20 =	27	x 50.00	\$ 1,350.00	
Independent claims	14 - 3 =	11	x 200.00	\$ 2,200.00	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)					
TOTAL OF ABOVE CALCULATIONS =				\$ 4,680.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$ 2,340.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).					
TOTAL NATIONAL FEE =				\$ 2,340.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					
TOTAL FEES ENCLOSED =				\$ 2,340.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a.	<input checked="" type="checkbox"/> A check in the amount of \$ 2,340.00	to cover the above fees is enclosed.			
b.	<input type="checkbox"/> Please charge my Deposit Account No. _____	in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.			
c.	<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448	A duplicate copy of this sheet is enclosed.			
d.	<input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
CUSTOMER NUMBER: 02292		SIGNATURE: Robert J. Webster			
April 5, 2005		NAME )			
/smt		46,472			
		REGISTRATION NUMBER			